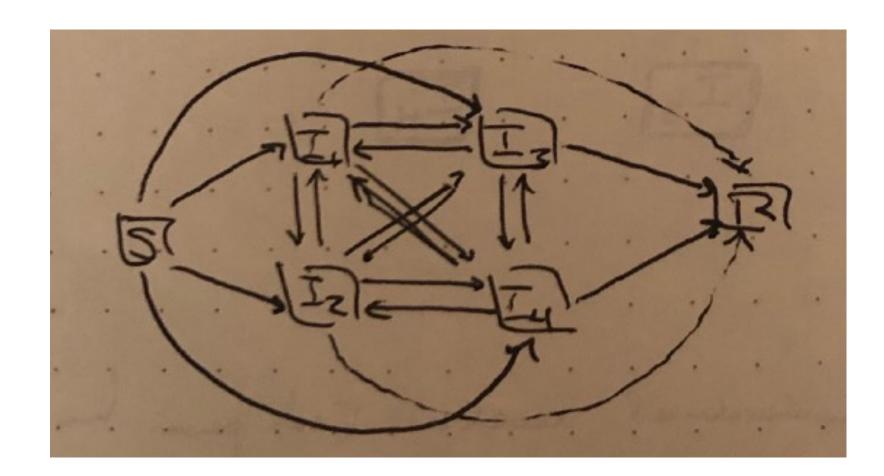
Key questions

- Will SARS-CoV-2 spread in the summer months?
- Will SARS-CoV-2 enter into long-term seasonal circulation?
- How would cross-immunity from the other coronaviruses affect the pandemic?
- If we can't answer these questions now what information do we need?

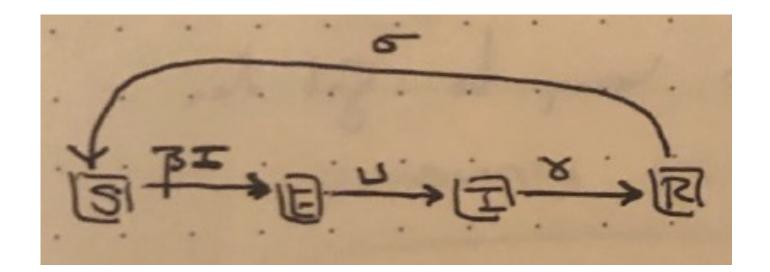
Early models

Multiple strains



(a bad model)

One strain with seasonality and waning immunity



(a better model, but not enough detail)

